

ABSTRACT OF THE DISCLOSURE

To provide lactoferrin polypeptides which have inducing activity for production of various inflammatory cytokines and various chemokines. Lactoferrin polypeptides characterized by comprising the amino acid sequence of phenylalanine (F), lysine (K) and aspartic acid (D). They are obtained by digestion with proteases. Molecular weights of them are less than 25 kDa.